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Innovative Forms of Extracurricular Activities of a Future Specialist in the Danube Region

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Abstract: Interest-groups role in educational process is analyzed in the article. The author grounds the importance of interest-groups for student's harmonic development. The influence of the interest-groups on the forming of students' personalities and their psychic processes is defined. Harmonic personality oriented learning is an important strategy in educational process, which presupposes student's skills and talents development, stimulation for an independent work and creativity. This strategy can be successfully realized through students' activity as during the classes so while the after-school activities.

Keywords: interest-group; interest-group work; school; student; teacher

The purpose of extracurricular education in accordance with the educational policy of the state and the social order of the parent community is the creation of psychological and pedagogical conditions for the full creative, intellectual, spiritual individual's development; increase her motivation for knowledge and creativity; satisfaction of educational needs of the creative person on the basis of its engagement in conscious systematic creative, search, research and experimental activity.

Today the quality of environmental education depends not only on the content of theoretical knowledge, but also on the practical and applied component of the knowledge that students receive during extracurricular education. The student's awareness of the responsibility of mankind for the consequences of its activities, which can lead to irreversible ecological changes, becomes of great significance; awareness of the responsibility of each person's relation to nature and his ability to find ways to improve the situation in the natural environment.

The students of the Ismail city station of young naturalists with students of the Institute of International Studies during the industrial practice are involved in practical environmental and research work, which enables not only to consolidate theoretical knowledge, but also to acquire practical skills for their use, for a better understanding of environmental knowledge.

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Research work - is an integral part of educational process of the out-of-school ecological-naturalistic institution.

During the years of training at the station of young naturalists, pupils acquire experience in various fields of educational work. Teachers strive for the largest number of students to be involved in research work. It gives the pupils the opportunity to acquaint pupils with research methods, to develop skills of practical research, to familiarize themselves with laboratory and field research methods. For this purpose, socially significant subjects of experiments and studies that are cognitive are selected, search and socially significant character. The leaders of the circles organize the student's research work in accordance with the plans of the typical programs, and are working on expanding the subject of research work, using the material base of the yenta station in accordance with the direction of work of the circle.

The station has created a system of research work for students: Research work of pupils of the "School of young ecologist" through the creation of a system of profile education Research work of the yentas in the summer organized through forms: 1. ecological expedition; 2. educational field practices, trainings; 3. ecological camp "Young ecologist of the city".

Research work of members of the Danube's Environmental Club Research work of circles: ecology of animals in a mini zoo Research work of circles: ecology of plants on educational-research sites Research work in accordance with the programs of the circles System of formation of readiness of students for research work in the field of ecology includes Research work of circles on the ecological path of the arboretum.

The purpose of creating such a system is aimed at solving problems pedagogical staff of the city station of the youth:

- updating and upgrading the content and ensuring the effectiveness of ecological and naturalistic education in an out-of-school institution through non-traditional, innovative and interactive forms of educational work;
- directing the work of the teaching staff to the application person-oriented pedagogical technologies for creating conditions providing development and support for talented and talented children, development of their natural inclinations, interests and abilities; education ecological culture of the person;
- organization of favorable conditions for emotional and psychological security, mental comfort, satisfaction of pupils' needs in positive emotions, creative self-affirmation;
- Search for new forms and methods of research, research and development;

research work of students on the way of upgrading the content of extracurricular education ecological and naturalistic education;

- development of research a research work of pupils in the protected areas of the Izmail district of the Odessa region;

- expansion of the research subjects, using the material base of the station of the youth in accordance with the direction of the circle (study of the ecology of animals in the mini zoo, the ecology of plants in educational areas and the ecological path of the arboretum);

- creation of a medium of increased professional-orientation saturation for self-realization and creation of conditions for profile education, pre-professional preparation of senior pupils, for the purpose of further professional self-determination through teaching high school students in the School of Young Environmentalists;

- formation of knowledge and skills of a research character, aimed at development of creative and public activity in solving environmental problems; promoting the development of skills to make responsible decisions regarding environmental problems, mastering the standards of environmentally sound behavior through involvement in the work of the Danube's environmental club;

- formation in children and youth of a sense of national self-determination and active social position;

- promoting the development of personal responsibility for the environment at the national and global levels, the assimilation of the best achievements of universal and national cultures, understanding multifaceted values of nature- Implementation of the educational process of perspective pedagogical experience of ecological-naturalistic activity.

Trainers of the station create the necessary conditions for the attraction of the yunatas to research work. For this purpose, close cooperation with teachers of biology, chemistry, geography of educational institutions of the city on issues the discovery of gifted students. A database of gifted and talented students. Continuous communication with their parents is supported children. The material and technical base of the SUN is being improved.

One example is the improvement of the material and technical base of the city the station of the Uninvents is the creation in 2007 of the Museum of Wildlife. To him the composition includes:

Branch - mini zoo - it has about 230 animals (more than 60 species) from different parts of the world: baboons, hazelnuts, foxes, wolves, raccoon dogs, squirrels, muffles, llamas, goats, peacocks, pigeons, swans, pheasants, falconry, nutria, Vietnamese piglets, ducks, parrots, aquarium fishes, frogs, chinchilla, hamsters and others;

Branch - arboretum - in the dendrological section are grown decorative trees and shrubs that are planted with them decoration, artistic and decorative compositions, garden architecture. A section of seedlings is planted with seedlings (acacia lenkaran, Hibiscus Syria) and by cutting (Cossack juniper, boxwood ordinary, Vigil, For Zia, Rose, etc.).

In general, on the earthen section is about 1000 ornamental trees and shrubs. There is a collection plot of one, two and one perennial flower plants, various types of floral decorations (flowerbeds, rabatki, alpine hills, rosaries, etc.), and a nursery decorative plantings.

Animal Farm - created for the purpose of buying lunates practical skills in the care of animals and birds, holding experiments (goats, sheep, rabbits, nuts, piglets, chickens, turkeys, geese and others).

The museum's base is used both for classes and for conducting research and preparing research work by the Yonatan, students of the Academy of Sciences, organizing free cognitive, educational and sightseeing excursions for the student youth of the city and the Danube region. The Teachers' Team of Izmail Syun is keen to have everyone. The training session contributed to the research activity of the students, which ensures their attraction to independent knowledge, skills and abilities, forms the ability to analyze, systematize and study ecological, geographical, biological and other information. Studies are conducted on the acquired knowledge of ecology, geography, biology of native land. The selection of the above subjects is related to the expressed interest in the chosen subject, thus contributing to the development of the child's creative personality.

The basis of the work of Izmail SUN on the organization of search activities Unites provide a holistic approach to solving the research problems on the principles of scientific, variability, accessibility, social orientation.

The solution of this problem is impossible without the organization of research-an experimental direction in the activity of an out-of-school institution, which:

Involves the inclusion of pets in the search job. In accordance curriculums, planning and the topics of the classes, there is a junta direct participant of this type of work. Examples can be research work conducted in the greenhouse:

“Influence of light on growth and development of plants of the closed ground”; -
“The influence of different terms of cutting on the rooting of ornamental plants closed ground”;

“Influence of various soil mixtures on the intensity of vegetable growth cultures”;

“Growing and caring for seedlings of one-year and two-year-olds ornamental plants”;

“Natural stimulants of the root on the example of the juniper Cossack, For Zia”;

“Reproduction of ornamental trees and shrubs by cutting (for example, roses, European shrimp, boxwood ordinary, drake)”.

At the classes of groups, the preference is given to solving the search- cognitive tasks. For this purpose, the juntas are offered a task reproductive and creative character, characterized by two steps:

- Mastering students understanding the value of scientific knowledge in the transformation of the environment by man;

- teach them to move from solving reproductive problems character to the search engines, for what creates a system of cognitive tasks for independent search of pupils.

When constructing experimental tasks that are offered to lunates, takes into account the increasing complexity of the program material with an orientation towards improving the organization of the search activity of the juntas.

Examples of topics of short-term experiments may become work Yentas of the Izmailskaya SUN conducted during practical classes, excursions and cognitive campaigns on the Lake Lebyyazh, the Danube River, Yalpug Lake, Lunga Lake, Lake Kartal, Kugurlui, on the territory of the fish farm of the RVMK “Novonekrazovsky” (Matrozka village) and other.

Where observations are made:

- by the ichthyoflora and ichthyofauna of the Danube region; - determination of the water quality of the reservoir by the method of bio indication (the presence of different types of invertebrates);

- monitoring the temperature regime and measuring the water temperature in the Danube River;

- influence of light on the growth and development of closed soil plants;

- use of vitamins for feeding young birds of ornamental birds;

- the influence of various soil mixtures on the growth intensity of vegetable crops; - Identification of the quality of vegetable seeds with water;

- giving preference to aquarium fish, various kinds of feed (dry, living, combined);

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- giving preference to aquarium fish, various kinds of feed (dry, living, combined);

- the rate of water absorption by vegetable and cereal crops;

- the value of light for the growth of plants, and others.

Practical and research activities have a positive effect on education the interests of students to nature and the organization of search activities provided cooperation of

general educational establishments with the station of juntas when the students are involved in additional training in ecological and biological circles, become active researchers of nature, take an active part in the protection of nature. The participation of students and students in the search activity positively influences the development of professional interests of adolescents in the process of mastering the natural sciences, which then they use in choosing a future profession. One of the stages of solving the educational problem at Ismail SUN is the creation of a "School of Young Environmentalists" for teens that was organized thanks to the fruitful cooperation of the Ismail SUN and the public organization "Nature and Man" in October 2000. Annually "school" is visited by about 25 students. The program is designed for high school students at secondary schools. Classes are held in a separate program designed based on the age, inclinations, interests and abilities of student youth who wants to deepen knowledge in ecology, biology, chemistry.

Students get knowledge that allows them to navigate the ecological situations, become active participants in advocacy actions and environmental measures in the city of Ismail, Izmail district and others areas of the Danube Region as a whole.

Pupils, who received initial knowledge during classes in circles, have the opportunity to expand their horizons by becoming students "Schools young ecologist". The "baggage of knowledge" received by young people uses in carrying out research works on ecological zoology, ecological botany, ecological geography. Ecological education and upbringing of the younger generation at SUN and related practical environmental and environmental activities, positively affects the organization of the search activity of students, and in further on the direction of search activity in the preparation of scientific-research works of the Small Academy of Sciences, participation in biological projects, etc.

During the summer (camp) practice students of the 3rd year of the pedagogical faculty with the youths, actively participate in hikes and excursions; exhibit a constant interest in the content of research directly in the natural environment. The local environment, the native land, is a favorable ground for improving the search activity of children, through which cognitive interests are created for nature. Out-of-school forms involve not only students from the circles of the SUN, "School of young ecologist", but also members of a public organization - the environmental club "Danube's".

On the effectiveness of research activities students have a significant impact such forms of work of Izmailsky SUN as excursions and classes-excursions in natural environment, field practice, training and ecological complex expeditions. An example is:

- Complex ecological expedition on the lakes of Pridnavia Kartal - Kugurlui;
- Complex environmental expedition of the Unites to the Lung Reserve; - cognitive excursions to Vilniv, the Danube Biosphere Reserve;

- cognitive excursion to Lake Yalpug; - classes-trips to Lake Lebyazhogo, banks of the Danube River; One of the innovative forms of work of the Izmail city youth station Naturalists are improving the children of socially vulnerable categories in the summer.

On the base of the station there is the summer health camp “Young ecologist of the city” with a daytime stay for the children.

During the summer camp “Young ecologist of the city” in addition to children have the opportunity to acquire practical skills in improving children’s health take care of plants, animals, conduct phonological observations, make a comparative characteristic during observations, take part in environmental events (International Day for the Protection of the Environment, International Day of the Danube), visit historical and nature lore museums, take part in research and practical work on the NDD, in the arboretum, on the ecological footpath, get it additional knowledge of botany, geography, zoology, ecology.

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Thanks to the theoretical knowledge and practical skills, children have the opportunity to get closer to conducting independent experiments. To this end, children are given the opportunity to conduct phonological monitoring of vegetable crops on the educational land, birds and animals of the mini-zoo, plants of the arboretum.

The leaders of the circles are organized cognitive-entertaining games and thematic classes on subjects:

- introduction of crop rotation on the research land plot;
- dependence of the crop from irrigation;
- protection of vegetable plants from diseases and pests;
- preparation of land for sowing;
- the effect of introducing organic fertilizers on the yield of vegetables.

Thus, the teachers of the Izmail station of young naturalists, using a variety of forms and methods of ecological and naturalistic education, not only engage in practical environmental work schoolchildren in the city of Izmail, provide extracurricular

education for the students of the city, but also form the readiness of students to research in the field of ecology. The teachers of the Izmail station of young naturalists promote the organization Participation of pupils of SUN in mass ecological-naturalistic events of different levels:

- International - scientific and educational program – “GLOBE”, “World Day of Birds”, “World Day of the Earth”, World Day of Guard the environment “International Day of the Danube”, “International Biodiversity Day”, “International DayThe Black Sea”.
- All-Ukrainian competition of experimental research work “Young Researcher”, “New Year’s Gift”, “Ukrainian Souvenir”, “In the lens of the naturalist”.
- Oblast - full-time correspondence actions, contests, conferences – “Bird Diva”, “Spring Bird Record”, “Youth Care You, Ukraine!”, “Pearl Flowers of the Odessa Region”, “Yalinka”, an annual exhibition achievements of young naturalists “Generosity of the native land”. Urban, stationery – “Bird Day”, “Weak Garden”, “Parade flowers near the school”, “Gallery of indoor plants”, “Day of the Forest” and others.

The Izmail Center for Out-of-school Work and Children’s Creativity was created in 1946 - then it was called the Palace of Pioneers and Schoolchildren and was located on Kotovsky Street (in the building where the Museum of the Priduvagia is now).

26 groups of circles of different directions started their work in the Palace: ballet, carpentry, air model, artistic embroidery, expressive reading, igroteka, photo circles and others. A bit later, the Drama and Dance Clubs began to emerge in the Palace, as well as the sports and tourist club “Alhadra”.

In 1986, the Palace moved to the building on the Suvorov Avenue, which is still located today. At the same time, he changed his name and became the Center for extracurricular activities and children’s creativity. In 2012 the Center entered the list of the largest out-of-school institutions of Ukraine. In 2013, he passed the state certification with honors, repeatedly became the winner of regional surveys of out-of-school institutions.

At present, I am working in 72 groups of circles and studying more than a thousand young Ismailia’s in the Central Bureau of Statistics. Here is the center of information technologies, the center of military patriotic education, successfully run schools of leaders, journalists, and masters of decorative and applied art, children’s animation. The pride of the Center are its creative collectives: dance ensembles “Rhythm” and “Rainbow”, which in 2014 reaffirmed the honorary title “folk”, and the Museum of the Red Banner Danube Flotilla – “exemplary”.

At the high level, the Museum of the History of the TsVRiDT and the Exhibition Hall Veselkova Country, the Chess Club “White Ladle” and the children’s and youth magazine Khvyly Trimay work at the Center. It should also be noted that the Center's

pedagogical base consists of 36 teachers who are currently working in an out-of-school educational institution Honorary title “Excellent Ukrainian education”, six – “Head of the circle - Methodist”, three candidates for master of sports, one master of sport and two methodologists of the highest category.

Today, in the ZVR there are 250 groups in the directions: scientific and technical creativity, decorative applied and fine arts, artistic self-activity, historical direction, regional studies, physical culture and sports, social rehabilitation.

We offer our readers a list of creative associations of the Center for Out-of-school work, where each child finds a job for her soul.

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